

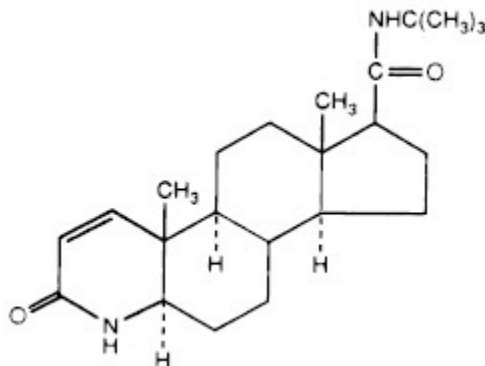
## FINASTERIDE - finasteride tablet, film coated

Dr.Reddy's Laboratories Limited

### DESCRIPTION

Finasteride, a synthetic 4-azasteroid compound, is a specific inhibitor of steroid Type II 5 $\alpha$ -reductase, an intracellular enzyme that converts the androgen testosterone into 5 $\alpha$ -dihydrotestosterone (DHT).

Finasteride is 4-azaandrost-1-ene-17-carboxamide, *N*-(1,1-dimethylethyl)-3-oxo-, (5 $\alpha$ ,17 $\beta$ )-. The empirical formula of finasteride is C<sub>23</sub>H<sub>36</sub>N<sub>2</sub>O<sub>2</sub> and its molecular weight is 372.55. Its structural formula is:



Finasteride is a white crystalline powder with a melting point near 250°C. It is freely soluble in chloroform and in lower alcohol solvents, but is practically insoluble in water.

Finasteride 5 mg tablets for oral administration are film-coated tablets that contain 5 mg of finasteride and the following inactive ingredients: hydrous lactose, microcrystalline cellulose, pregelatinized starch, sodium starch glycolate, hydroxypropyl cellulose LF, hydroxypropyl methylcellulose, titanium dioxide, magnesium stearate, talc, docusate sodium, FD&C Blue 2 aluminum lake and yellow iron oxide.

### CLINICAL PHARMACOLOGY

The development and enlargement of the prostate gland is dependent on the potent androgen, 5 $\alpha$ -dihydrotestosterone (DHT). Type II 5 $\alpha$ -reductase metabolizes testosterone to DHT in the prostate gland, liver and skin. DHT induces androgenic effects by binding to androgen receptors in the cell nuclei of these organs.

Finasteride is a competitive and specific inhibitor of Type II 5 $\alpha$ -reductase with which it slowly forms a stable enzyme complex. Turnover from this complex is extremely slow ( $t_{1/2}$  ~ 30 days). This has been demonstrated both *in vivo* and *in vitro*. Finasteride has no affinity for the androgen receptor. In man, the 5 $\alpha$ -reduced steroid metabolites in blood and urine are decreased after administration of finasteride.

In man, a single 5-mg oral dose of finasteride produces a rapid reduction in serum DHT concentration, with the maximum effect observed 8 hours after the first dose. The suppression of DHT is maintained throughout the 24-hour dosing interval and with continued treatment. Daily dosing of finasteride at 5 mg/day for up to 4 years has been shown to reduce the serum DHT concentration by approximately 70%. The median circulating level of testosterone increased by approximately 10-20% but remained within the physiologic range.

Adult males with genetically inherited Type II 5 $\alpha$ -reductase deficiency also have decreased levels of DHT. Except for the associated urogenital defects present at birth, no other clinical abnormalities related to Type II 5 $\alpha$ -reductase deficiency have been observed in these individuals. These individuals have a small prostate gland throughout life and do not develop BPH.

In patients with BPH treated with finasteride (1-100 mg/day) for 7-10 days prior to prostatectomy, an approximate 80% lower DHT content was measured in prostatic tissue removed at surgery, compared to placebo; testosterone tissue concentration was increased up to 10 times over pretreatment levels, relative to placebo. Intraprostatic content of prostate-specific antigen (PSA) was also decreased. In healthy male volunteers treated with finasteride 5mg tablets for 14 days, discontinuation of therapy resulted in a return of DHT levels to pretreatment levels in approximately 2 weeks. In patients treated for three months, prostate volume, which declined by approximately 20%, returned to close to baseline value after approximately three months of discontinuation of therapy.

### Pharmacokinetics

#### Absorption

In a study of 15 healthy young subjects, the mean bioavailability of finasteride 5-mg tablets was 63% (range 34-108%), based on the ratio of area under the curve (AUC) relative to an intravenous (IV) reference dose. Maximum finasteride plasma concentration averaged 37 ng/mL (range, 27-49 ng/mL) and was reached 1-2 hours postdose. Bioavailability of finasteride was not affected by food.

## Distribution

Mean steady-state volume of distribution was 76 liters (range, 44-96 liters). Approximately 90% of circulating finasteride is bound to plasma proteins. There is a slow accumulation phase for finasteride after multiple dosing. After dosing with 5 mg/day of finasteride for 17 days, plasma concentrations of finasteride were 47 and 54% higher than after the first dose in men 45-60 years old (n=12) and ≥70 years old (n=12), respectively. Mean trough concentrations after 17 days of dosing were 6.2 ng/mL (range, 2.4-9.8 ng/mL) and 8.1 ng/mL (range, 1.8-19.7 ng/mL), respectively, in the two age groups. Although steady state was not reached in this study, mean trough plasma concentration in another study in patients with BPH (mean age, 65 years) receiving 5 mg/day was 9.4 ng/mL (range, 7.1-13.3 ng/mL; n=22) after over a year of dosing.

Finasteride has been shown to cross the blood brain barrier but does not appear to distribute preferentially to the CSF.

In 2 studies of healthy subjects (n=69) receiving finasteride 5 mg/day for 6-24 weeks, finasteride concentrations in semen ranged from undetectable (<0.1 ng/mL) to 10.54 ng/mL. In an earlier study using a less sensitive assay, finasteride concentrations in the semen of 16 subjects receiving finasteride 5 mg/day ranged from undetectable (<1.0 ng/mL) to 21 ng/mL. Thus, based on a 5-mL ejaculate volume, the amount of finasteride in semen was estimated to be 50- to 100-fold less than the dose of finasteride (5 µg) that had no effect on circulating DHT levels in men (see also PRECAUTIONS, Pregnancy).

## Metabolism

Finasteride is extensively metabolized in the liver, primarily via the cytochrome P450 3A4 enzyme subfamily. Two metabolites, the t-butyl side chain monohydroxylated and monocarboxylic acid metabolites, have been identified that possess no more than 20% of the 5α-reductase inhibitory activity of finasteride.

## Excretion

In healthy young subjects (n=15), mean plasma clearance of finasteride was 165 mL/min (range, 70-279 mL/min) and mean elimination half-life in plasma was 6 hours (range, 3-16 hours). Following an oral dose of <sup>14</sup>C-finasteride in man (n=6), a mean of 39% (range, 32-46%) of the dose was excreted in the urine in the form of metabolites; 57% (range, 51-64%) was excreted in the feces.

The mean terminal half-life of finasteride in subjects ≥70 years of age was approximately 8 hours (range, 6-15 hours; n=12), compared with 6 hours (range, 4-12 hours; n=12) in subjects 45-60 years of age. As a result, mean AUC<sub>(0-24 hr)</sub> after 17 days of dosing was 15% higher in subjects ≥70 years of age than in subjects 45-60 years of age (p=0.02).

## Special Populations

**Pediatric:** Finasteride pharmacokinetics have not been investigated in patients <18 years of age.

**Gender:** Finasteride pharmacokinetics in women are not available.

**Geriatric:** No dosage adjustment is necessary in the elderly. Although the elimination rate of finasteride is decreased in the elderly, these findings are of no clinical significance. See also Pharmacokinetics, Excretion, PRECAUTIONS, Geriatric Use and DOSAGE AND ADMINISTRATION.

**Race:** The effect of race on finasteride pharmacokinetics has not been studied.

**Renal Insufficiency:** No dosage adjustment is necessary in patients with renal insufficiency. In patients with chronic renal impairment, with creatinine clearances ranging from 9.0 to 55 mL/min, AUC, maximum plasma concentration, half-life, and protein binding after a single dose of <sup>14</sup>C-finasteride were similar to values obtained in healthy volunteers. Urinary excretion of metabolites was decreased in patients with renal impairment. This decrease was associated with an increase in fecal excretion of metabolites. Plasma concentrations of metabolites were significantly higher in patients with renal impairment (based on a 60% increase in total radioactivity AUC). However, finasteride has been well tolerated in BPH patients with normal renal function receiving up to 80 mg/day for 12 weeks, where exposure of these patients to metabolites would presumably be much greater.

**Hepatic Insufficiency:** The effect of hepatic insufficiency on finasteride pharmacokinetics has not been studied. Caution should be used in the administration of finasteride 5 mg tablets in those patients with liver function abnormalities, as finasteride is metabolized extensively in the liver.

## Drug Interactions

(also see PRECAUTIONS, Drug Interactions)

No drug interactions of clinical importance have been identified. Finasteride does not appear to affect the cytochrome P450-linked drug metabolism enzyme system. Compounds that have been tested in man have included antipyrine, digoxin, propranolol, theophylline, and warfarin, and no clinically meaningful interactions were found.

Mean (SD) Pharmacokinetic Parameters in Healthy Young Subjects (n=15)

	Mean ( $\pm$ SD)
Bioavailability	63% (34-108%)*
Clearance (mL/min)	165 (55)
Volume of Distribution (L)	76 (14)
Half-Life (hours)	6.2 (2.1)

\*Range

Mean (SD) Noncompartmental Pharmacokinetic Parameters After Multiple Doses of 5 mg/day in Older Men

	Mean ( $\pm$ SD)	
	45-60 years old (n=12)	$\geq 70$ years old (n=12)
AUC (ng•hr/mL)	389 (98)	463 (186)
Peak Concentration (ng/mL)	46.2 (8.7)	48.4 (14.7)
Time to Peak (hours)	1.8 (0.7)	1.8 (0.6)
Half-Life (hours)*	6.0 (1.5)	8.2 (2.5)

\*First-dose values; all other parameter are last-dose values

### Clinical Studies

Finasteride 5 mg/day was initially evaluated in patients with symptoms of BPH and enlarged prostates by digital rectal examination in two 1-year, placebo-controlled, randomized, double-blind studies and their 5-year open extensions.

Finasteride 5 mg tablets were further evaluated in the PROSCAR (Finasteride) Long-Term Efficacy and Safety Study (PLESS), a double-blind, randomized, placebo-controlled, 4-year, multicenter study. 3040 patients between the ages of 45 and 78, with moderate to severe symptoms of BPH and an enlarged prostate upon digital rectal examination, were randomized into the study (1524 to finasteride, 1516 to placebo) and 3016 patients were evaluable for efficacy. 1883 patients completed the 4-year study (1000 in the finasteride group, 883 in the placebo group).

#### Effect on Symptom Score

Symptoms were quantified using a score similar to the American Urological Association Symptom Score, which evaluated both obstructive symptoms (impairment of size and force of stream, sensation of incomplete bladder emptying, delayed or interrupted urination) and irritative symptoms (nocturia, daytime frequency, need to strain or push the flow of urine) by rating on a 0 to 5 scale for six symptoms and a 0 to 4 scale for one symptom, for a total possible score of 34.

Patients in PLESS had moderate to severe symptoms at baseline (mean of approximately 15 points on a 0-34 point scale). Patients randomized to finasteride 5 mg tablets who remained on therapy for 4 years had a mean ( $\pm$  1 SD) decrease in symptom score of 3.3 ( $\pm$  5.8) points compared with 1.3 ( $\pm$  5.6) points in the placebo group. (See Figure 1.) A statistically significant improvement in symptom score was evident at 1 year in patients treated with finasteride 5 mg tablets vs placebo ( $-2.3$  vs  $-1.6$ ), and this improvement continued through Year 4.

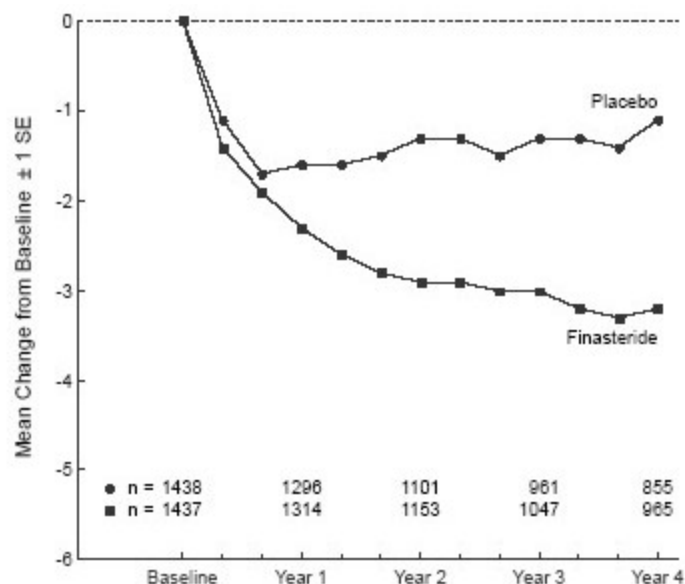


Figure 1: Symptom Score in PLESS

Results seen in earlier studies were comparable to those seen in PLESS. Although an early improvement in urinary symptoms was seen in some patients, a therapeutic trial of at least 6 months was generally necessary to assess whether a beneficial response in symptom relief had been achieved. The improvement in BPH symptoms was seen during the first year and maintained throughout an additional 5 years of open extension studies.

#### Effect on Acute Urinary Retention and the Need for Surgery

In PLESS, efficacy was also assessed by evaluating treatment failures. Treatment failure was prospectively defined as BPH-related urological events or clinical deterioration, lack of improvement and/or the need for alternative therapy. BPH-related urological events were defined as urological surgical intervention and acute urinary retention requiring catheterization. Complete event information was available for 92% of the patients. The following table (Table 1) summarizes the results.

Table 1: All Treatment Failures in PLESS

Event	Patients (%) <sup>*</sup>		Relative Risk <sup>**</sup>	95% CI	P Value <sup>†</sup>
	Placebo N=1503	Finasteride N=1513			
All Treatment Failures	37.1	26.2	0.68	(0.57 to 0.79)	<0.001
Surgical Interventions for BPH	10.1	4.6	0.45	(0.32 to 0.63)	<0.001
Acute Urinary Retention Requiring Catheterization	6.6	2.8	0.43	(0.28 to 0.66)	<0.001
Two consecutive symptom scores $\geq 20$	9.2	6.7	0.68	(0.57 to 0.79)	<0.001
Bladder Stone	0.4	0.5			
Incontinence	2.1	1.7			
Renal Failure	0.5	0.6			
UTI	5.7	4.9			
Discontinuation due to worsening of BPH, lack of improvement, or	21.8	13.3			

to receive other medical treatment		
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\*patients with multiple events may be counted more than once for each type of event

†Hazard ratio based on log rank test

Compared with placebo, finasteride 5 mg tablets was associated with a significantly lower risk for acute urinary retention or the need for BPH-related surgery [13.2% for placebo vs 6.6% for finasteride 5 mg tablets; 51% reduction in risk, 95% CI: (34 to 63%)]. Compared with placebo, finasteride 5 mg tablets were associated with a significantly lower risk for surgery [10.1% for placebo vs 4.6% for finasteride 5 mg tablets; 55% reduction in risk, 95% CI: (37 to 68%)] and with a significantly lower risk of acute urinary retention [6.6% for placebo vs 2.8% for finasteride 5 mg tablets; 57% reduction in risk, 95% CI: (34 to 72%)]; see Figures 2 and 3.

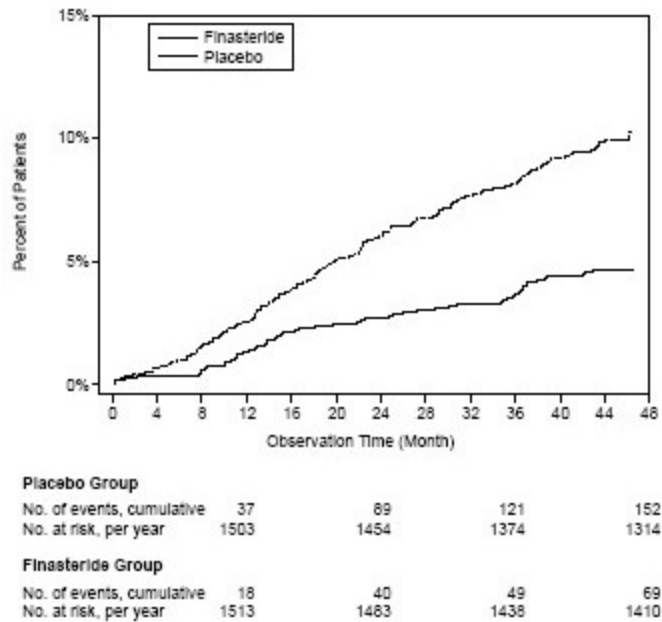


Figure 2: Percent of Patients Having Surgery for BPH, Including TURP

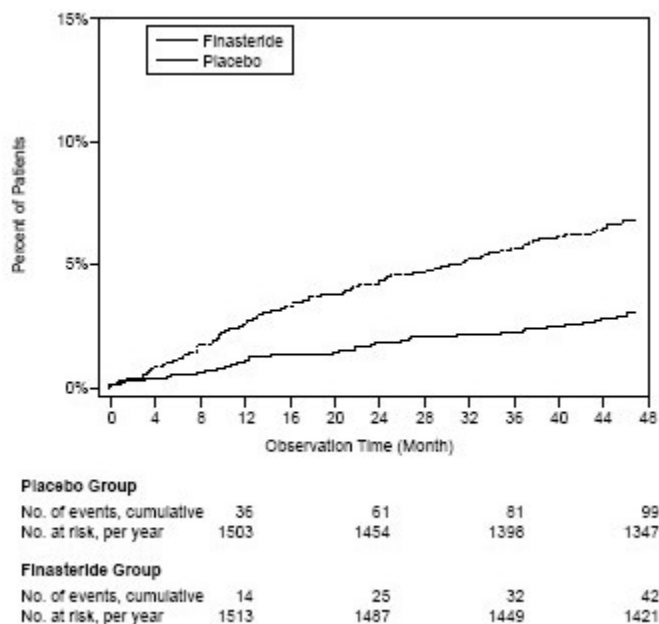


Figure 3: Percent of Patients Developing Acute Urinary Retention (Spontaneous and Precipitated)

### Effect on Maximum Urinary Flow Rate

In the patients in PLESS who remained on therapy for the duration of the study and had evaluable urinary flow data, finasteride 5 mg tablets increased maximum urinary flow rate by 1.9 mL/sec compared with 0.2 mL/sec in the placebo group.

There was a clear difference between treatment groups in maximum urinary flow rate in favor of finasteride 5 mg tablets by month 4 (1.0 vs 0.3 mL/sec) which was maintained throughout the study. In the earlier 1-year studies, increase in maximum urinary flow rate was comparable to PLESS and was maintained through the first year and throughout an additional 5 years of open extension studies.

### Effect on Prostate Volume

In PLESS, prostate volume was assessed yearly by magnetic resonance imaging (MRI) in a subset of patients. In patients treated with finasteride 5 mg tablets who remained on therapy, prostate volume was reduced compared with both baseline and placebo throughout the 4-year study. Finasteride 5 mg tablets decreased prostate volume by 17.9% (from 55.9 cc at baseline to 45.8 cc at 4 years) compared with an increase of 14.1% (from 51.3 cc to 58.5 cc) in the placebo group ( $p < 0.001$ ). (See Figure 4.)

Results seen in earlier studies were comparable to those seen in PLESS. Mean prostate volume at baseline ranged between 40-50 cc. The reduction in prostate volume was seen during the first year and maintained throughout an additional five years of open extension studies.

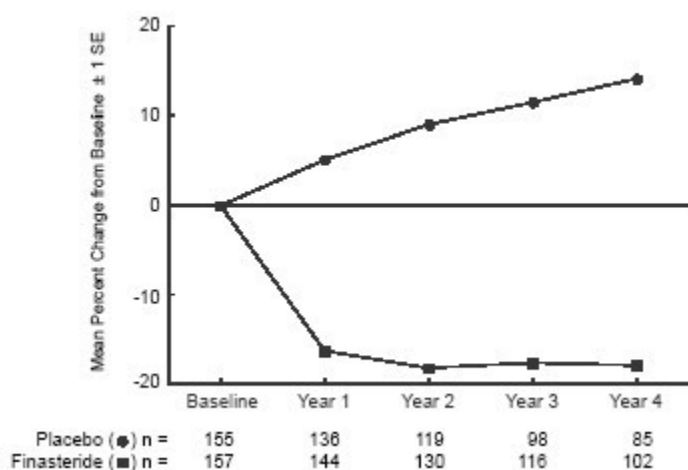


Figure 4: Prostate Volume in PLESS

### Prostate Volume as a Predictor of Therapeutic Response

A meta-analysis combining 1-year data from seven double-blind, placebo-controlled studies of similar design, including 4491 patients with symptomatic BPH, demonstrated that, in patients treated with finasteride 5 mg tablets, the magnitude of symptom response and degree of improvement in maximum urinary flow rate were greater in patients with an enlarged prostate at baseline.

### Medical Therapy of Prostatic Symptoms

The Medical Therapy of Prostatic Symptoms (MTOPS) Trial was a double-blind, randomized, placebo-controlled, multicenter, 4- to 6-year study (average 5 years) in 3047 men with symptomatic BPH, who were randomized to receive finasteride 5 mg/day ( $n=768$ ), doxazosin 4 or 8 mg/day ( $n=756$ ), the combination of finasteride 5 mg/day and doxazosin 4 or 8 mg/day ( $n=786$ ), or placebo ( $n=737$ ). All participants underwent weekly titration of doxazosin (or its placebo) from 1 to 2 to 4 to 8 mg/day. Only those who tolerated the 4 or 8 mg dose level were kept on doxazosin (or its placebo) in the study. The participant's final tolerated dose (either 4 mg or 8 mg) was administered beginning at end-Week 4. The final doxazosin dose was administered once per day, at bedtime.

The mean patient age at randomization was 62.6 years ( $\pm 7.3$  years). Patients were Caucasian (82%), African American (9%), Hispanic (7%), Asian (1%) or Native American ( $< 1\%$ ). The mean duration of BPH symptoms was 4.7 years ( $\pm 4.6$  years). Patients had moderate to severe BPH symptoms at baseline with a mean AUA symptom score of approximately 17 out of 35 points. Mean maximum urinary flow rate was 10.5 mL/sec ( $\pm 2.6$  mL/sec). The mean prostate volume as measured by transrectal ultrasound was 36.3 mL ( $\pm 20.1$  mL). Prostate volume was  $\leq 20$  mL in 16% of patients,  $\geq 50$  mL in 18% of patients and between 21 and 49 mL in 66% of patients.

The primary endpoint was a composite measure of the first occurrence of any of the following five outcomes: a  $\geq 4$  point confirmed increase from baseline in symptom score, acute urinary retention, BPH-related renal insufficiency (creatinine rise), recurrent urinary tract infections or urosepsis, or incontinence. Compared to placebo, treatment with finasteride 5 mg tablets, doxazosin, or combination therapy resulted in a reduction in the risk of experiencing one of these five outcome events by 34% ( $p=0.002$ ), 39% ( $p < 0.001$ ), and

67% ( $p<0.001$ ), respectively. Combination therapy resulted in a significant reduction in the risk of the primary endpoint compared to treatment with finasteride 5 mg tablets alone (49%;  $p\leq 0.001$ ) or doxazosin alone (46%;  $p\leq 0.001$ ). (See Table 2.)

Table 2: Count and Percent Incidence of Primary Outcome Events by Treatment Group in MTOPS

Event	Treatment Group				Total N=3047 N (%)
	Placebo N=737	Doxazosin N=756	Finasteride N=768	Combination N=786	
	N (%)	N (%)	N (%)	N (%)	
AUA 4-point rise	100 (13.6)	59 (7.8)	74 (9.6)	41 (5.2)	274 (9.0)
Acute urinary retention	18 (2.4)	13 (1.7)	6 (0.8)	4 (0.5)	41 (1.3)
Incontinence	8 (1.1)	11 (1.5)	9 (1.2)	3 (0.4)	31 (1.0)
Recurrent UTI/urosepsis	2 (0.3)	2 (0.3)	0 (0.0)	1 (0.1)	5 (0.2)
Creatinine rise	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Total Events	128 (17.4)	85 (11.2)	89 (11.6)	49 (6.2)	351 (11.5)

The majority of the events (274 out of 351; 78%) was a confirmed  $\geq 4$  point increase in symptom score, referred to as symptom score progression. The risk of symptom score progression was reduced by 30% ( $p=0.016$ ), 46% ( $p<0.001$ ), and 64% ( $p<0.001$ ) in patients treated with finasteride 5 mg tablets, doxazosin, or the combination, respectively, compared to patients treated with placebo (see Figure 5). Combination therapy significantly reduced the risk of symptom score progression compared to the effect of finasteride 5 mg tablets alone ( $p<0.001$ ) and compared to doxazosin alone ( $p=0.037$ ).

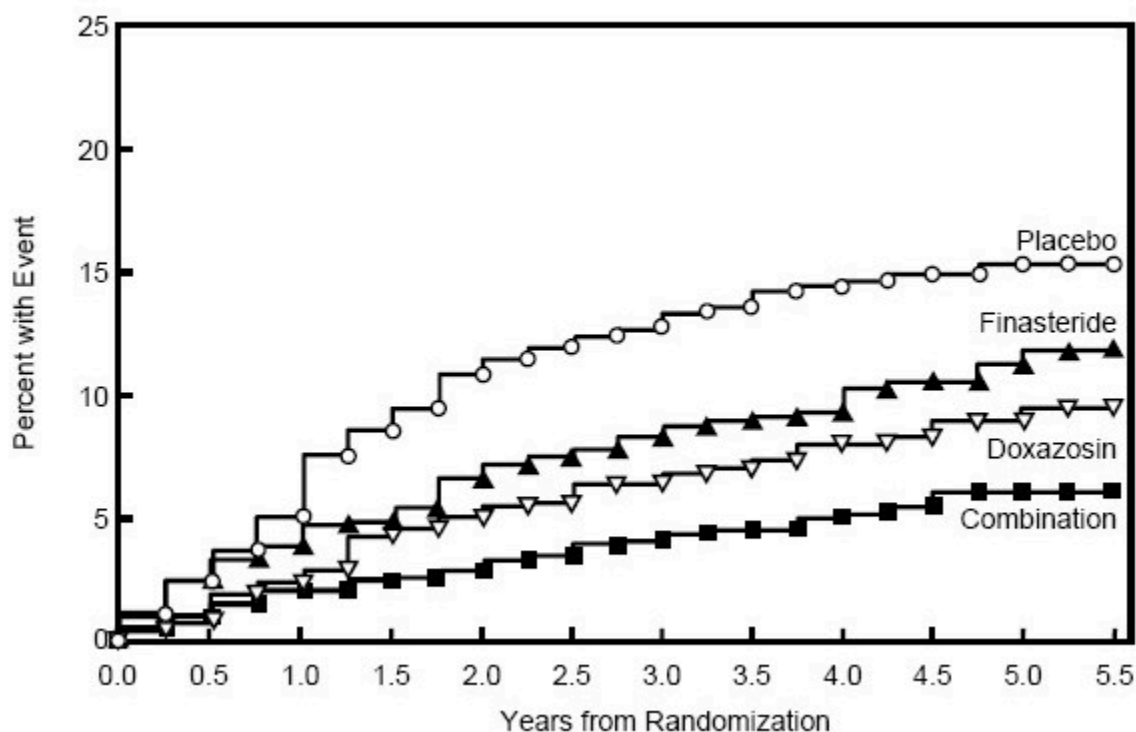


Figure 5: Cumulative Incidence of a 4-Point Rise in AUA Symptom Score by Treatment Group

Treatment with finasteride 5 mg tablets, doxazosin or the combination of finasteride 5 mg tablets with doxazosin, reduced the mean symptom score from baseline at year 4. Table 3 provides the mean change from baseline for AUA symptom score by treatment group for patients who remained on therapy for four years.

Table 3: Change From Baseline in AUA Symptom Score by Treatment Group at Year 4 in MTOPS

Placebo N=534	Doxazosin N=582	Finasteride N=565	Combination N=598
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Baseline Mean (SD)	16.8 (6.0)	17.0 (5.9)	17.1 (6.0)	16.8 (5.8)
Mean Change AUA Symptom Score (SD)	-4.9 (5.8)	-6.6 (6.1)	-5.6 (5.9)	-7.4 (6.3)
Comparison to Placebo (95% CI)	-1.8 (-2.5, -1.1)	-0.7 (-1.4, 0.0)	-2.5 (-3.2, -1.8)	
Comparison to Doxazosin alone (95% CI)			-0.7 (-1.4, 0.0)	
Comparison to Finasteride alone (95% CI)			-1.8 (-2.5, -1.1)	

The results of MTOPS are consistent with the findings of the 4-year, placebo-controlled study PLESS (see CLINICAL PHARMACOLOGY, Clinical Studies) in that treatment with finasteride 5 mg tablets reduces the risk of acute urinary retention and the need for BPH-related surgery. In MTOPS, the risk of developing acute urinary retention was reduced by 67% in patients treated with finasteride 5 mg tablets compared to patients treated with placebo (0.8% for finasteride 5 mg tablets and 2.4% for placebo). Also, the risk of requiring BPH-related invasive therapy was reduced by 64% in patients treated with finasteride 5 mg tablets compared to patients treated with placebo (2.0% for finasteride 5 mg tablets and 5.4% for placebo).

#### Summary of Clinical Studies

The data from these studies, showing improvement in BPH-related symptoms, reduction in treatment failure (BPH-related urological events), increased maximum urinary flow rates, and decreasing prostate volume, suggest that finasteride 5 mg tablets arrests the disease process of BPH in men with an enlarged prostate.

### INDICATIONS AND USAGE

Finasteride 5 mg Tablets, USP are indicated for the treatment of symptomatic benign prostatic hyperplasia (BPH) in men with an enlarged prostate to:

- Improve symptoms
- Reduce the risk of acute urinary retention
- Reduce the risk of the need for surgery including transurethral resection of the prostate (TURP) and prostatectomy.

Finasteride 5 mg Tablets, USP administered in combination with the alpha-blocker doxazosin is indicated to reduce the risk of symptomatic progression of BPH (a confirmed  $\geq 4$  point increase in AUA symptom score).

### CONTRAINDICATIONS

Finasteride 5 mg tablets are contraindicated in the following:

Hypersensitivity to any component of this medication.

Pregnancy. Finasteride use is contraindicated in women when they are or may potentially be pregnant. Because of the ability of Type II 5 $\alpha$ -reductase inhibitors to inhibit the conversion of testosterone to DHT, finasteride may cause abnormalities of the external genitalia of a male fetus of a pregnant woman who receives finasteride. If this drug is used during pregnancy, or if pregnancy occurs while taking this drug, the pregnant woman should be apprised of the potential hazard to the male fetus. (See also WARNINGS, EXPOSURE OF WOMEN — RISK TO MALE FETUS and PRECAUTIONS, Information for Patients and Pregnancy.) In female rats, low doses of finasteride administered during pregnancy have produced abnormalities of the external genitalia in male offspring.

### WARNINGS

Finasteride 5 mg tablets is not indicated for use in pediatric patients (see PRECAUTIONS, Pediatric Use) or women (see also WARNINGS, EXPOSURE OF WOMEN — RISK TO MALE FETUS; PRECAUTIONS, Information for Patients and Pregnancy; and HOW SUPPLIED).

### EXPOSURE OF WOMEN — RISK TO MALE FETUS

Women should not handle crushed or broken finasteride 5 mg tablets when they are pregnant or may potentially be pregnant because of the possibility of absorption of finasteride and the subsequent potential risk to a male fetus. Finasteride 5 mg tablets are coated and will prevent contact with the active ingredient during normal handling, provided that the tablets have not been broken or crushed. (See CONTRAINDICATIONS; PRECAUTIONS, Information for Patients and Pregnancy; and HOW SUPPLIED.)



## PRECAUTIONS

### General

Prior to initiating therapy with finasteride 5 mg tablets, appropriate evaluation should be performed to identify other conditions such as infection, prostate cancer, stricture disease, hypotonic bladder or other neurogenic disorders that might mimic BPH.

Patients with large residual urinary volume and/or severely diminished urinary flow should be carefully monitored for obstructive uropathy. These patients may not be candidates for finasteride therapy.

Caution should be used in the administration of finasteride 5 mg tablets in those patients with liver function abnormalities, as finasteride is metabolized extensively in the liver.

### Effects on PSA and Prostate Cancer Detection

No clinical benefit has been demonstrated in patients with prostate cancer treated with finasteride 5 mg tablets. Patients with BPH and elevated PSA were monitored in controlled clinical studies with serial PSAs and prostate biopsies. In these BPH studies, finasteride 5 mg tablets did not appear to alter the rate of prostate cancer detection, and the overall incidence of prostate cancer was not significantly different in patients treated with finasteride 5 mg tablets or placebo.

Finasteride 5 mg tablets cause a decrease in serum PSA levels by approximately 50% in patients with BPH, even in the presence of prostate cancer. This decrease is predictable over the entire range of PSA values, although it may vary in individual patients. Analysis of PSA data from over 3000 patients in PLESS confirmed that in typical patients treated with finasteride 5 mg tablets for six months or more, PSA values should be doubled for comparison with normal ranges in untreated men. This adjustment preserves the sensitivity and specificity of the PSA assay and maintains its ability to detect prostate cancer.

Any sustained increases in PSA levels while on finasteride 5 mg tablets should be carefully evaluated, including consideration of non-compliance to therapy with finasteride 5 mg tablets.

Percent free PSA (free to total PSA ratio) is not significantly decreased by finasteride 5 mg tablets. The ratio of free to total PSA remains constant even under the influence of finasteride 5 mg tablets. If clinicians elect to use percent free PSA as an aid in the detection of prostate cancer in men undergoing finasteride therapy, no adjustment to its value appears necessary.

### Information for Patients

Women should not handle crushed or broken finasteride 5 mg tablets when they are pregnant or may potentially be pregnant because of the possibility of absorption of finasteride and the subsequent potential risk to the male fetus (see CONTRAINDICATIONS; WARNINGS, EXPOSURE OF WOMEN — RISK TO MALE FETUS; PRECAUTIONS, Pregnancy and HOW SUPPLIED).

Physicians should inform patients that the volume of ejaculate may be decreased in some patients during treatment with finasteride 5 mg tablets. This decrease does not appear to interfere with normal sexual function. However, impotence and decreased libido may occur in patients treated with finasteride 5 mg tablets (see ADVERSE REACTIONS).

Physicians should instruct their patients to promptly report any changes in their breasts such as lumps, pain or nipple discharge. Breast changes including breast enlargement, tenderness and neoplasm have been reported (see ADVERSE REACTIONS).

Physicians should instruct their patients to read the patient package insert before starting therapy with finasteride 5 mg tablets and to reread it each time the prescription is renewed so that they are aware of current information for patients regarding finasteride 5 mg tablets.

### Drug/Laboratory Test Interactions

In patients with BPH, finasteride 5 mg tablets have no effect on circulating levels of cortisol, estradiol, prolactin, thyroid-stimulating hormone, or thyroxine. No clinically meaningful effect was observed on the plasma lipid profile (i.e., total cholesterol, low density lipoproteins, high density lipoproteins and triglycerides) or bone mineral density. Increases of about 10% were observed in luteinizing hormone (LH) and follicle-stimulating hormone (FSH) in patients receiving finasteride 5 mg tablets, but levels remained within the normal range. In healthy volunteers, treatment with finasteride 5 mg tablets did not alter the response of LH and FSH to gonadotropin-releasing hormone indicating that the hypothalamic-pituitary-testicular axis was not affected.

Treatment with finasteride 5 mg tablets for 24 weeks to evaluate semen parameters in healthy male volunteers revealed no clinically meaningful effects on sperm concentration, mobility, morphology, or pH. A 0.6 mL (22.1%) median decrease in ejaculate volume with a concomitant reduction in total sperm per ejaculate was observed. These parameters remained within the normal range and were reversible upon discontinuation of therapy with an average time to return to baseline of 84 weeks.

### Drug Interactions

No drug interactions of clinical importance have been identified. Finasteride does not appear to affect the cytochrome P450-linked drug metabolizing enzyme system. Compounds that have been tested in man have included antipyrine, digoxin, propranolol, theophylline, and warfarin and no clinically meaningful interactions were found.

*Other Concomitant Therapy:* Although specific interaction studies were not performed, finasteride 5 mg tablets were concomitantly used in clinical studies with acetaminophen, acetylsalicylic acid,  $\alpha$ -blockers, angiotensin-converting enzyme (ACE) inhibitors, analgesics, anti-convulsants, beta-adrenergic blocking agents, diuretics, calcium channel blockers, cardiac nitrates, HMG-CoA reductase inhibitors, nonsteroidal anti-inflammatory drugs (NSAIDs), benzodiazepines, H<sub>2</sub> antagonists and quinolone anti-infectives without evidence of clinically significant adverse interactions.

## **Carcinogenesis, Mutagenesis, Impairment of Fertility**

No evidence of a tumorigenic effect was observed in a 24-month study in Sprague-Dawley rats receiving doses of finasteride up to 160 mg/kg/day in males and 320 mg/kg/day in females. These doses produced respective systemic exposure in rats of 111 and 274 times those observed in man receiving the recommended human dose of 5 mg/day. All exposure calculations were based on calculated  $AUC_{(0-24 \text{ hr})}$  for animals and mean  $AUC_{(0-24 \text{ hr})}$  for man ( $0.4 \mu\text{g}\cdot\text{hr/mL}$ ).

In a 19-month carcinogenicity study in CD-1 mice, a statistically significant ( $p \leq 0.05$ ) increase in the incidence of testicular Leydig cell adenomas was observed at a dose of 250 mg/kg/day (228 times the human exposure). In mice at a dose of 25 mg/kg/day (23 times the human exposure, estimated) and in rats at a dose of  $\geq 40$  mg/kg/day (39 times the human exposure) an increase in the incidence of Leydig cell hyperplasia was observed. A positive correlation between the proliferative changes in the Leydig cells and an increase in serum LH levels (2- to 3-fold above control) has been demonstrated in both rodent species treated with high doses of finasteride. No drug-related Leydig cell changes were seen in either rats or dogs treated with finasteride for 1 year at doses of 20 mg/kg/day and 45 mg/kg/day (30 and 350 times, respectively, the human exposure) or in mice treated for 19 months at a dose of 2.5 mg/kg/day (2.3 times the human exposure, estimated).

No evidence of mutagenicity was observed in an *in vitro* bacterial mutagenesis assay, a mammalian cell mutagenesis assay, or in an *in vitro* alkaline elution assay. In an *in vitro* chromosome aberration assay, using Chinese hamster ovary cells, there was a slight increase in chromosome aberrations. These concentrations correspond to 4000-5000 times the peak plasma levels in man given a total dose of 5 mg. In an *in vivo* chromosome aberration assay in mice, no treatment-related increase in chromosome aberration was observed with finasteride at the maximum tolerated dose of 250 mg/kg/day (228 times the human exposure) as determined in the carcinogenicity studies.

In sexually mature male rabbits treated with finasteride at 80 mg/kg/day (543 times the human exposure) for up to 12 weeks, no effect on fertility, sperm count, or ejaculate volume was seen. In sexually mature male rats treated with 80 mg/kg/day of finasteride (61 times the human exposure), there were no significant effects on fertility after 6 or 12 weeks of treatment; however, when treatment was continued for up to 24 or 30 weeks, there was an apparent decrease in fertility, fecundity and an associated significant decrease in the weights of the seminal vesicles and prostate. All these effects were reversible within 6 weeks of discontinuation of treatment. No drug-related effect on testes or on mating performance has been seen in rats or rabbits. This decrease in fertility in finasteride-treated rats is secondary to its effect on accessory sex organs (prostate and seminal vesicles) resulting in failure to form a seminal plug. The seminal plug is essential for normal fertility in rats and is not relevant in man.

## **Pregnancy**

Pregnancy Category X

See CONTRAINDICATIONS.

Finasteride 5 mg tablets are not indicated for use in women.

Administration of finasteride to pregnant rats at doses ranging from 100  $\mu\text{g/kg/day}$  to 100 mg/kg/day (1-1000 times the recommended human dose of 5 mg/day) resulted in dose-dependent development of hypospadias in 3.6 to 100% of male offspring. Pregnant rats produced male offspring with decreased prostatic and seminal vesicular weights, delayed preputial separation and transient nipple development when given finasteride at  $\geq 30 \mu\text{g/kg/day}$  ( $\geq 3/10$  of the recommended human dose of 5 mg/day) and decreased anogenital distance when given finasteride at  $\geq 3 \mu\text{g/kg/day}$  ( $\geq 3/100$  of the recommended human dose of 5 mg/day). The critical period during which these effects can be induced in male rats has been defined to be days 16-17 of gestation. The changes described above are expected pharmacological effects of drugs belonging to the class of Type II  $5\alpha$ -reductase inhibitors and are similar to those reported in male infants with a genetic deficiency of Type II  $5\alpha$ -reductase. No abnormalities were observed in female offspring exposed to any dose of finasteride *in utero*.

No developmental abnormalities have been observed in first filial generation ( $F_1$ ) male or female offspring resulting from mating finasteride-treated male rats (80 mg/kg/day; 61 times the human exposure) with untreated females. Administration of finasteride at 3 mg/kg/day (30 times the recommended human dose of 5 mg/day) during the late gestation and lactation period resulted in slightly decreased fertility in  $F_1$  male offspring. No effects were seen in female offspring. No evidence of malformations has been observed in rabbit fetuses exposed to finasteride *in utero* from days 6-18 of gestation at doses up to 100 mg/kg/day (1000 times the recommended human dose of 5 mg/day). However, effects on male genitalia would not be expected since the rabbits were not exposed during the critical period of genital system development.

The *in utero* effects of finasteride exposure during the period of embryonic and fetal development were evaluated in the rhesus monkey (gestation days 20-100), a species more predictive of human development than rats or rabbits. Intravenous administration of finasteride to pregnant monkeys at doses as high as 800 ng/day (at least 60 to 120 times the highest estimated exposure of pregnant women to finasteride from semen of men taking 5 mg/day) resulted in no abnormalities in male fetuses. In confirmation of the relevance of the rhesus model for human fetal development, oral administration of a dose of finasteride (2 mg/kg/day; 20 times the recommended human dose of 5 mg/day or approximately 1-2 million times the highest estimated exposure to finasteride from semen

of men taking 5 mg/day) to pregnant monkeys resulted in external genital abnormalities in male fetuses. No other abnormalities were observed in male fetuses and no finasteride-related abnormalities were observed in female fetuses at any dose.

### Nursing Mothers

Finasteride 5 mg tablets are not indicated for use in women.  
It is not known whether finasteride is excreted in human milk.

### Pediatric Use

Finasteride 5 mg tablets are not indicated for use in pediatric patients.  
Safety and effectiveness in pediatric patients have not been established.

### Geriatric Use

Of the total number of subjects included in PLESS, 1480 and 105 subjects were 65 and over and 75 and over, respectively. No overall differences in safety or effectiveness were observed between these subjects and younger subjects, and other reported clinical experience has not identified differences in responses between the elderly and younger patients. No dosage adjustment is necessary in the elderly (see CLINICAL PHARMACOLOGY, Pharmacokinetics and Clinical Studies).

### ADVERSE REACTIONS

Finasteride 5 mg tablets are generally well tolerated; adverse reactions usually have been mild and transient.

### 4-Year Placebo-Controlled Study

In PLESS, 1524 patients treated with finasteride 5 mg tablets and 1516 patients treated with placebo were evaluated for safety over a period of 4 years. The most frequently reported adverse reactions were related to sexual function. 3.7% (57 patients) treated with finasteride 5 mg tablets and 2.1% (32 patients) treated with placebo discontinued therapy as a result of adverse reactions related to sexual function, which are the most frequently reported adverse reactions.

Table 4 presents the only clinical adverse reactions considered possibly, probably or definitely drug related by the investigator, for which the incidence on finasteride 5 mg tablets were  $\geq 1\%$  and greater than placebo over the 4 years of the study. In years 2-4 of the study, there was no significant difference between treatment groups in the incidences of impotence, decreased libido and ejaculation disorder.

TABLE 4: Drug-Related Adverse Experiences

	Year 1 (%)		Years 2, 3 and 4* (%)	
	Finasteride	Placebo	Finasteride	Placebo
Impotence	8.1	3.7	5.1	5.1
Decreased Libido	6.4	3.4	2.6	2.6
Decreased Volume of Ejaculate	3.7	0.8	1.5	0.5
Ejaculation Disorder	0.8	0.1	0.2	0.1
Breast Enlargement	0.5	0.1	1.8	1.1
Breast Tenderness	0.4	0.1	0.7	0.3
Rash	0.5	0.2	0.5	0.1

N = 1524 and 1516, finasteride vs placebo, respectively

\*Combined Years 2–4

### Phase III Studies and 5-Year Open Extensions

The adverse experience profile in the 1-year, placebo-controlled, Phase III studies, the 5-year open extensions, and PLESS were similar.

### Medical Therapy of Prostatic Symptoms (MTOPS) Study

The incidence rates of drug-related adverse experiences reported by  $\geq 2\%$  of patients in any treatment group in the MTOPS Study are listed in Table 5.

The individual adverse effects which occurred more frequently in the combination group compared to either drug alone were: asthenia, postural hypotension, peripheral edema, dizziness, decreased libido, rhinitis, abnormal ejaculation, impotence and abnormal sexual function (see Table 5). Of these, the incidence of abnormal ejaculation in patients receiving combination therapy was comparable to the sum of the incidences of this adverse experience reported for the two monotherapies.

Combination therapy with finasteride and doxazosin was associated with no new clinical adverse experience.

Four patients in MTOPS reported the adverse experience breast cancer. Three of these patients were on finasteride only and one was on combination therapy. (See ADVERSE REACTIONS, Long-Term Data.)

The MTOPS Study was not specifically designed to make statistical comparisons between groups for reported adverse experiences. In addition, direct comparisons of safety data between the MTOPS study and previous studies of the single agents may not be appropriate based upon differences in patient population, dosage or dose regimen, and other procedural and study design elements.

Table 5: Incidence ≥ 2% in One or More Treatment Groups Drug-Related Clinical Adverse Experiences in MTOPS

Adverse Experience	Placebo	Doxazosin 4 mg or 8 mg*	Finasteride	Combination
	(N=737) (%)	(N=756) (%)	(N=768) (%)	(N=786) (%)
Body as a whole				
Asthenia	7.1	15.7	5.3	16.8
Headache	2.3	4.1	2.0	2.3
Cardiovascular				
Hypotension	0.7	3.4	1.2	1.5
Postural Hypotension	8.0	16.7	9.1	17.8
Metabolic and Nutritional				
Peripheral Edema	0.9	2.6	1.3	3.3
Nervous				
Dizziness	8.1	17.7	7.4	23.2
Libido Decreased	5.7	7.0	10.0	11.6
Somnolence	1.5	3.7	1.7	3.1
Respiratory				
Dyspnea	0.7	2.1	0.7	1.9
Rhinitis	0.5	1.3	1.0	2.4
Urogenital				
Abnormal Ejaculation	2.3	4.5	7.2	14.1
Gynecomastia	0.7	1.1	2.2	1.5
Impotence	12.2	14.4	18.5	22.6
Sexual Function, Abnormal	0.9	2.0	2.5	3.1

\*Doxazosin dose was achieved by weekly titration (1 to 2 to 4 to 8 mg). The final tolerated dose (4 mg or 8 mg) was administered at end-Week 4. Only those patients tolerating at least 4 mg were kept on doxazosin. The majority of patients received the 8-mg dose over the duration of the study.

### Long-Term Data

There is no evidence of increased adverse experiences with increased duration of treatment with finasteride 5 mg tablets. New reports of drug-related sexual adverse experiences decreased with duration of therapy.

During the 4- to 6-year placebo- and comparator-controlled MTOPS study that enrolled 3047 men, there were 4 cases of breast cancer in men treated with finasteride but no cases in men not treated with finasteride. During the 4-year, placebo-controlled PLESS study that enrolled 3040 men, there were 2 cases of breast cancer in placebo-treated men, but no cases were reported in men treated with finasteride. The relationship between long-term use of finasteride and male breast neoplasia is currently unknown.

In a 7-year placebo-controlled trial that enrolled 18,882 healthy men, 9060 had prostate needle biopsy data available for analysis. In the finasteride 5 mg tablets group, 280 (6.4%) men had prostate cancer with Gleason scores of 7-10 detected on needle biopsy vs. 237 (5.1%) men in the placebo group. Of the total cases of prostate cancer diagnosed in this study, approximately 98% were classified as intracapsular (stage T1 or T2). The clinical significance of these findings is unknown. This information from the literature (Thompson IM, Goodman PJ, Tangen CM, et al. The influence of finasteride on the development of prostate cancer. *N Engl J Med* 2003;349:213-22) is provided for consideration by physicians when finasteride 5 mg tablets are used as indicated (see INDICATIONS AND USAGE). Finasteride 5 mg tablets are not approved to reduce the risk of developing prostate cancer.

### Post-Marketing Experience

The following additional adverse effects have been reported in post-marketing experience:

- hypersensitivity reactions, including pruritus, urticaria, and swelling of the lips and face
- testicular pain.

## **OVERDOSAGE**

Patients have received single doses of finasteride 5 mg tablets up to 400 mg and multiple doses of finasteride 5 mg tablets up to 80 mg/day for three months without adverse effects. Until further experience is obtained, no specific treatment for an overdose with finasteride 5 mg tablets can be recommended.

Significant lethality was observed in male and female mice at single oral doses of 1500 mg/m<sup>2</sup> (500 mg/kg) and in female and male rats at single oral doses of 2360 mg/m<sup>2</sup> (400 mg/kg) and 5900 mg/m<sup>2</sup> (1000 mg/kg), respectively.

## **DOSAGE AND ADMINISTRATION**

The recommended dose is 5 mg orally once a day.

Finasteride 5 mg tablets can be administered alone or in combination with the alpha-blocker doxazosin (see CLINICAL PHARMACOLOGY, Clinical Studies).

Finasteride 5 mg tablets may be administered with or without meals.

No dosage adjustment is necessary for patients with renal impairment or for the elderly (see CLINICAL PHARMACOLOGY, Pharmacokinetics).

## **HOW SUPPLIED**

No. 8356 Finasteride 5 mg Tablets, USP are blue, modified apple-shaped, film-coated tablets, with the 72 on one side and plain on the other. They are supplied as follows:

**NDC** 55111-554-30 unit of use bottles of 30

**NDC** 55111-554-90 unit of use bottles of 90

## **Storage and Handling**

Store at room temperatures below 30°C (86°F). Protect from light and keep container tightly closed.

Women should not handle crushed or broken Finasteride 5 mg Tablets, USP when they are pregnant or may potentially be pregnant because of the possibility of absorption of finasteride and the subsequent potential risk to a male fetus (see WARNINGS, EXPOSURE OF WOMEN — RISK TO MALE FETUS, and PRECAUTIONS, Information for Patients and Pregnancy).

Manufactured by:

MERCK & CO., Inc.,

Whitehouse Station, NJ 08889, USA

Distributed by:

Dr. Reddy's Laboratories Inc.

Bridgewater, NJ 08807, USA

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## **SUPPLEMENTAL PATIENT MATERIAL**

### **SPL Patient Package Insert**

#### **Finasteride 5 mg Tablets, USP**

#### **Patient Information about**

#### **Finasteride** (fin-AS-tur-eyed)

#### **Finasteride 5 mg tablets are for use by men only.**

Please read this leaflet before you start taking finasteride 5 mg tablets. Also, read it each time you renew your prescription, just in case anything has changed. Remember, this leaflet does not take the place of careful discussions with your doctor. You and your doctor should discuss finasteride 5 mg tablets when you start taking your medication and at regular checkups.

### **Why your doctor has prescribed finasteride 5 mg tablets**

Your doctor has prescribed finasteride 5 mg tablets because you have a medical condition called benign prostatic hyperplasia or BPH. This occurs only in men.

### **What is BPH ?**

BPH is an enlargement of the prostate gland. After age 50, most men develop enlarged prostates. The prostate is located below the bladder. As the prostate enlarges, it may slowly restrict the flow of urine. This can lead to symptoms such as:

- a weak or interrupted urinary stream
- a feeling that you cannot empty your bladder completely
- a feeling of delay or hesitation when you start to urinate
- a need to urinate often, especially at night
- a feeling that you must urinate right away.

In some men, BPH can lead to serious problems, including urinary tract infections, a sudden inability to pass urine (acute urinary retention), as well as the need for surgery.

### **Treatment options for BPH**

There are three main treatment options for symptoms of BPH:

- **Program of monitoring or “Watchful Waiting”.** If a man has an enlarged prostate gland and no symptoms or if his symptoms do not bother him, he and his doctor may decide on a program of monitoring which would include regular checkups, instead of medication or surgery.
- **Medication.** Your doctor may prescribe finasteride 5 mg tablets for BPH. See **“What finasteride 5 mg tablets do”** below.
- **Surgery.** Some patients may need surgery. Your doctor can suggest several different surgical procedures for BPH. Which procedure is best depends on your symptoms and medical condition.

There are two main treatment options to reduce the risk of serious problems due to BPH:

- **Medication.** Your doctor may prescribe finasteride 5 mg tablets for BPH. See **“What finasteride 5 mg tablets do”** below.
- **Surgery.** Some patients may need surgery. Your doctor can suggest several different surgical procedures for BPH. Which procedure is best depends on your symptoms and medical condition.

### **What finasteride 5 mg tablets do**

Finasteride 5 mg tablets lowers levels of a key hormone called DHT (dihydrotestosterone), which is a major cause of prostate growth. Lowering DHT leads to shrinkage of the enlarged prostate gland in most men. This can lead to gradual improvement in urine flow and symptoms over the next several months. Finasteride 5 mg tablets will help reduce the risk of developing a sudden inability to pass urine and the need for surgery. However, since each case of BPH is different, you should know that:

- Even though the prostate shrinks, you may NOT notice an improvement in urine flow or symptoms.
- You may need to take finasteride 5 mg tablets for six (6) months or more to see whether it improves your symptoms.
- Therapy with finasteride 5 mg tablets may reduce your risk for a sudden inability to pass urine and the need for surgery.

### **What you need to know while taking finasteride 5 mg tablets**

- **You must see your doctor regularly.** While taking finasteride 5 mg tablets, you must have regular checkups. Follow your doctor's advice about when to have these checkups.
- **About side effects.** Like all prescription drugs, finasteride 5 mg tablets may cause side effects. Side effects due to finasteride 5 mg tablets may include impotence (an inability to have an erection) or less desire for sex. Some men taking finasteride 5 mg tablets may have changes or problems with ejaculation, such as a decrease in the amount of semen released during sex. This decrease in the amount of semen does not appear to interfere with normal sexual function. In some cases these side effects went away while the patient continued to take finasteride 5 mg tablets. In addition, some men may have breast enlargement and/or tenderness. You should promptly report to your doctor any changes in your breasts such as lumps, pain or nipple discharge. Some men have reported allergic reactions such as rash, itching, hives, and swelling of the lips and face. Rarely, testicular pain has been reported.

You should discuss side effects with your doctor before taking finasteride 5 mg tablets and anytime you think you are having a side effect.

- **Checking for prostate cancer.** Your doctor has prescribed finasteride 5 mg tablets for symptomatic BPH and not for cancer — but a man can have BPH and prostate cancer at the same time. Doctors usually recommend that men be checked for prostate cancer

once a year when they turn 50 (or 40 if a family member has had prostate cancer). These checks should continue while you take finasteride 5 mg tablets. Finasteride 5 mg tablets is not a treatment for prostate cancer.

- **About Prostate-Specific Antigen (PSA).**

Your doctor may have done a blood test called PSA. Finasteride 5 mg tablets can alter PSA values. For more information, talk to your doctor.

- **A warning about finasteride 5 mg tablets and pregnancy.**

Finasteride 5 mg tablets is for use by MEN only.

Women who are or may potentially be pregnant must not use finasteride 5 mg tablets. They should also not handle crushed or broken tablets of finasteride 5 mg.

If a woman who is pregnant with a male baby absorbs the active ingredient in finasteride 5 mg tablets after oral use or through the skin, it may cause the male baby to be born with abnormalities of the sex organs.

Finasteride 5 mg tablets are coated and will prevent contact with the active ingredient during normal handling, provided that the tablets are not broken or crushed.

If a woman who is pregnant comes into contact with the active ingredient in finasteride 5 mg tablets, a doctor should be consulted.

Remember, these warnings apply only when the woman is pregnant or could potentially be pregnant.

### **How to take finasteride 5 mg tablets**

Follow your doctor's advice about how to take finasteride 5 mg tablets. You must take it every day. You may take it with or between meals. To avoid forgetting to take finasteride 5 mg tablets, it may be helpful to take it at the same time every day.

Your doctor may prescribe finasteride 5 mg tablets along with another medicine, an alpha-blocker called doxazosin, to help you better manage your BPH symptoms.

Do not share finasteride 5 mg tablets with anyone else; it was prescribed only for you.

Keep finasteride 5 mg tablets and all medicines out of the reach of children.

FOR MORE INFORMATION ABOUT 'FINASTERIDE 5 mg TABLETS, USP' AND BPH, TALK WITH YOUR DOCTOR. IN ADDITION, TALK TO YOUR PHARMACIST OR OTHER HEALTH CARE PROVIDER.

Manufactured by:

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### **PACKING INFORMATION**


30's Count Container Label:



POS. ONLY

## Finasteride 5 mg

### Tablets, USP



Dist. by:  
**DR. REDDY'S**  
Dr. Reddy's Laboratories Inc.  
Bridgewater, NJ 08807 USA

**WARNING:** Finasteride should not be used by women or children. Women who are or may potentially be pregnant must not use finasteride. They should also not handle crushed or broken tablets of finasteride. (See accompanying circular.)

30 Tablets

72

Lot

NDC 55111-554-30

*Store at room temperatures below 30° C (86° F). Protect from light. Keep container tightly closed.*


**USUAL ADULT DOSAGE:**  
 5 mg once a day.

**Rx only**

Manuf. by:  
**MERCK SHARP & DOHME LTD.**  
Arecibo, Puerto Rico

XXXXXX  
 30 | No. 8356


90's Count Container Label:



POS. ONLY

## Finasteride 5 mg

### Tablets, USP



Dist. by:  
**DR. REDDY'S**  
Dr. Reddy's Laboratories Inc.  
Bridgewater, NJ 08807, USA

**WARNING:** Finasteride should not be used by women or children. Women who are or may potentially be pregnant must not use finasteride. They should also not handle crushed or broken tablets of finasteride. (See accompanying circular.)

90 Tablets

72

Lot

NDC 55111-554-90

*Store at room temperatures below 30° C (86° F). Protect from light. Keep container tightly closed.*

**USUAL ADULT DOSAGE:**  
 5 mg once a day.

**Rx only**

Manuf. by:  
**MERCK & Co. Inc.**  
Whitehouse Station, NJ 08889, USA

XXXXXX  
 100 | No. 8356